

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071967.D
 Acq On : 12 Apr 2022 20:38
 Operator : JC\MD
 Sample : N2368-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Apr 13 04:48:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

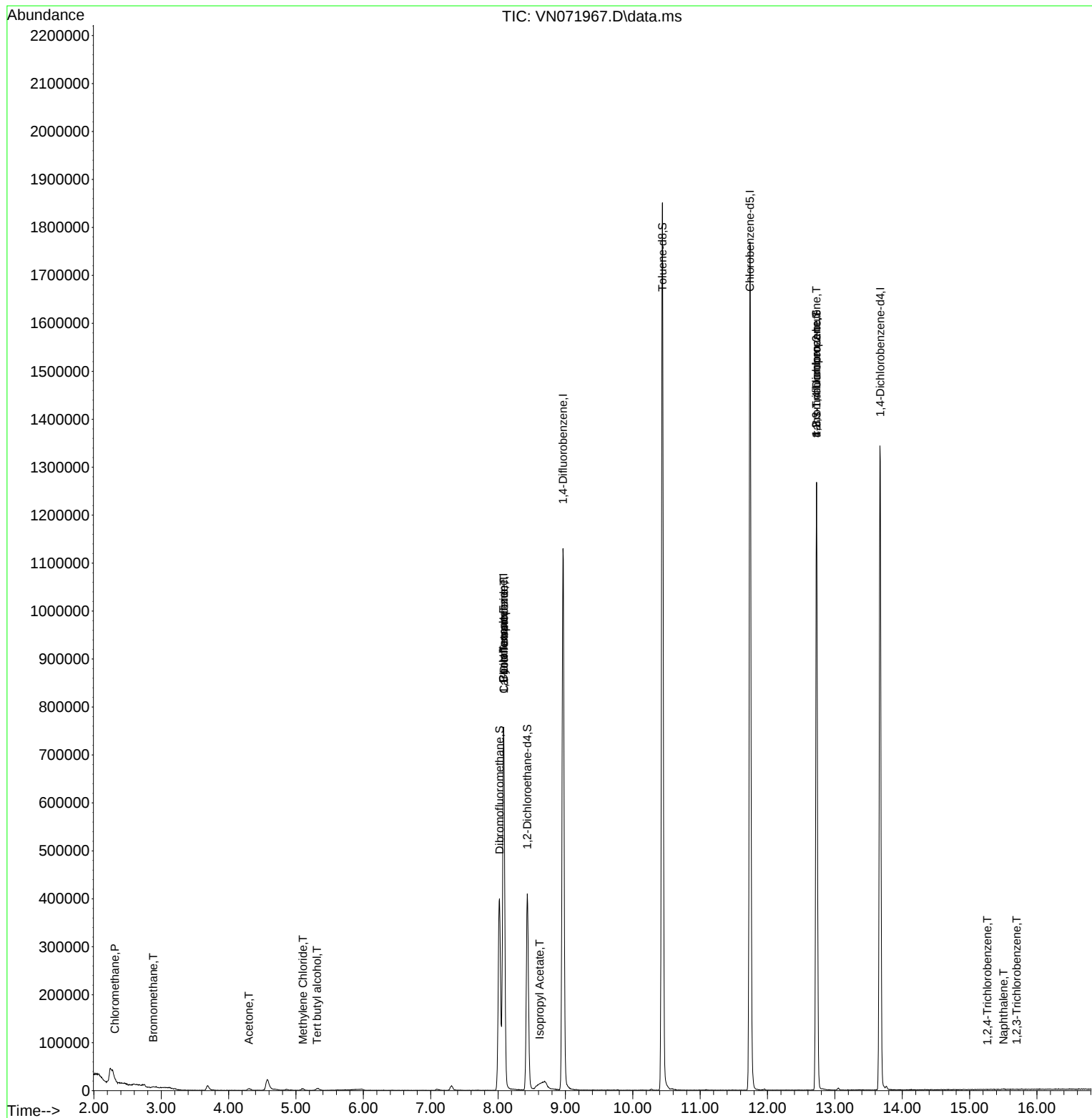
Internal Standards						
1) Pentafluorobenzene	8.081	168	637326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1082432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1125800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	407772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	339242	46.626	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.260%
35) Dibromofluoromethane	8.022	113	306740	48.158	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.320%
50) Toluene-d8	10.439	98	1352121	51.893	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.727	95	455237	54.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	1887	0.294	ug/l #	83
5) Bromomethane	2.881	94	986	0.215	ug/l #	51
11) Tert butyl alcohol	5.310	59	1623	1.375	ug/l #	72
16) Acetone	4.299	43	4588	1.476	ug/l	96
18) Methyl Acetate	4.869	43	3858	Below Cal	#	84
20) Methylene Chloride	5.104	84	2748	0.419	ug/l #	75
31) Cyclohexane	8.081	56	9958	1.006	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	42035	4.726	ug/l #	49
38) Carbon Tetrachloride	8.087	117	55885	6.411	ug/l #	17
43) Isopropyl Acetate	8.616	43	14793	0.914	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	216715	22.942	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	216715	71.095	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	63	2.095	ug/l #	12
95) Naphthalene	15.504	128	1210	3.863	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	172	2.440	ug/l #	41

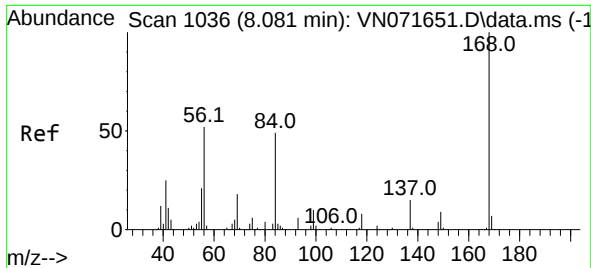
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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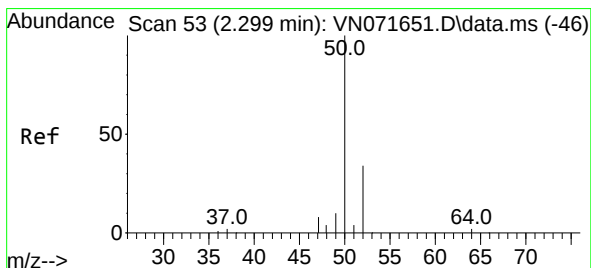
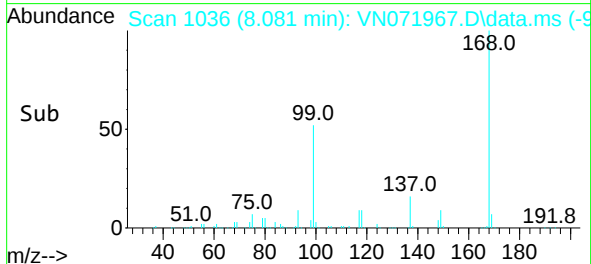
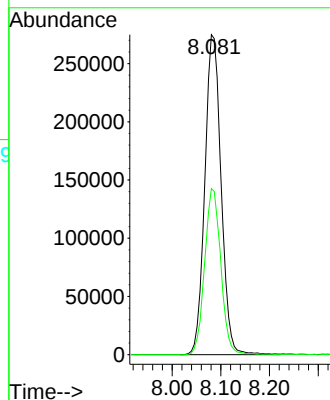
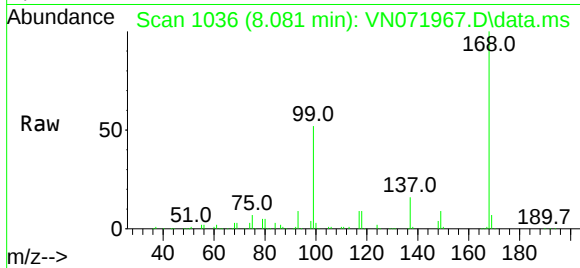




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

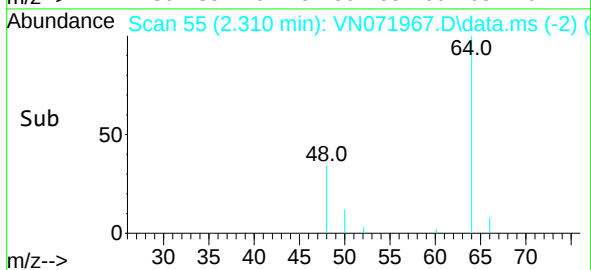
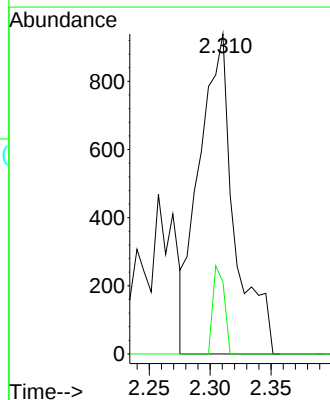
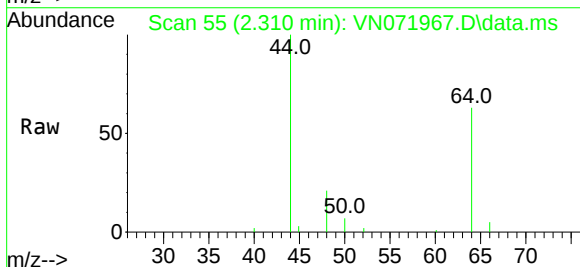
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MSVOA_N
ClientSampleId :
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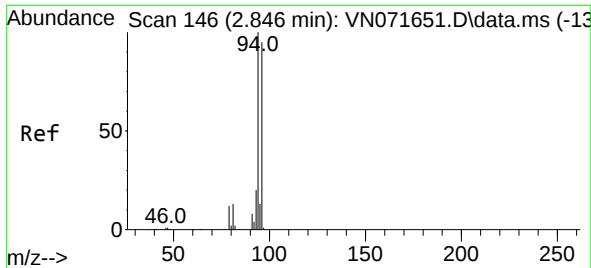
Tgt Ion:168 Resp: 637326
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#3
Chloromethane
Concen: 0.294 ug/l
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 50 Resp: 1887
Ion Ratio Lower Upper
50 100
52 22.6 25.7 38.5#

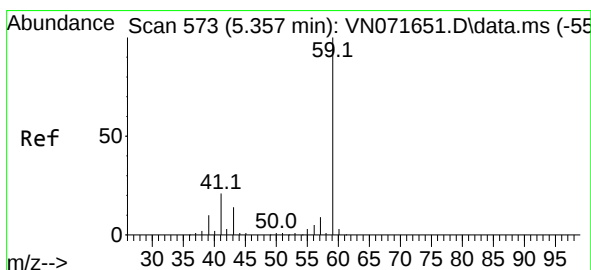
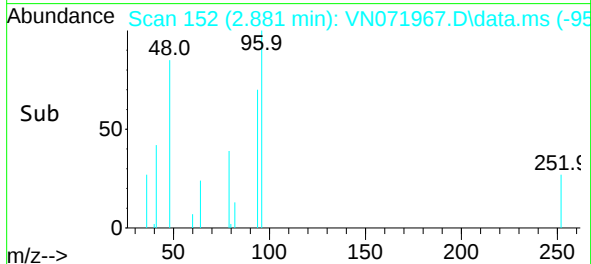
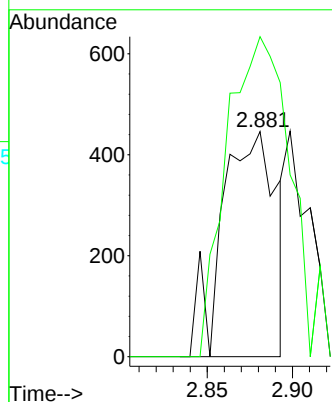
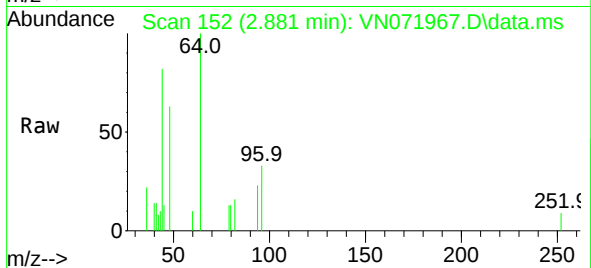




#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

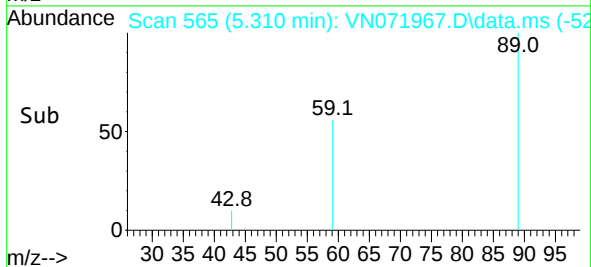
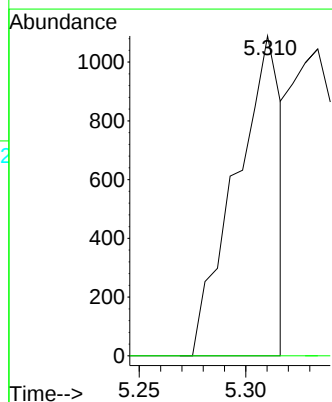
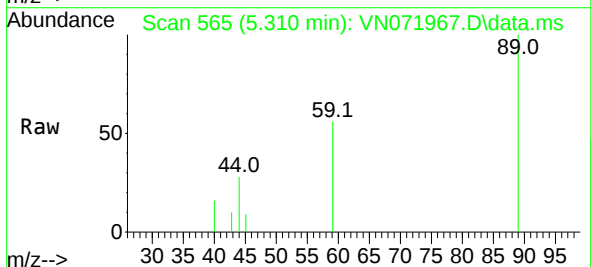
Instrument :
MSVOA_N
ClientSampleId :
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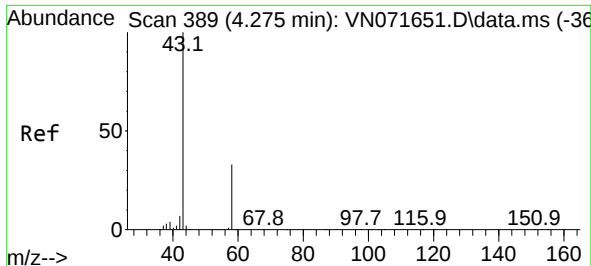
Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 142.2 76.0 114.0#



#11
Tert butyl alcohol
Concen: 1.375 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.047 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 59 Resp: 1623
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

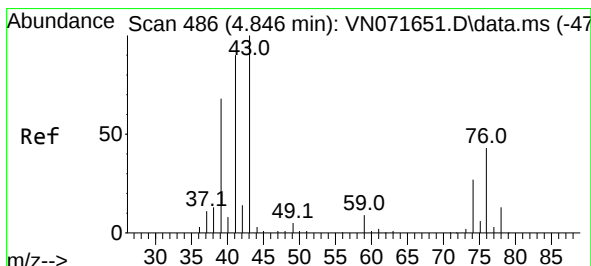
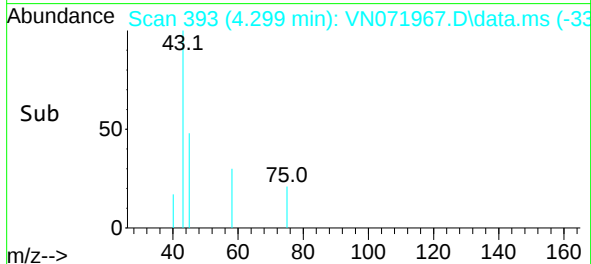
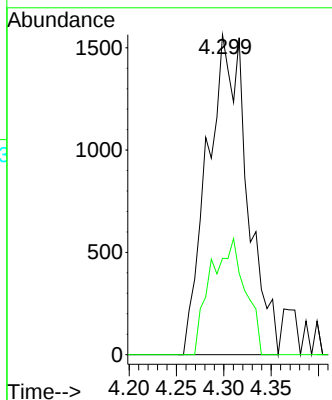
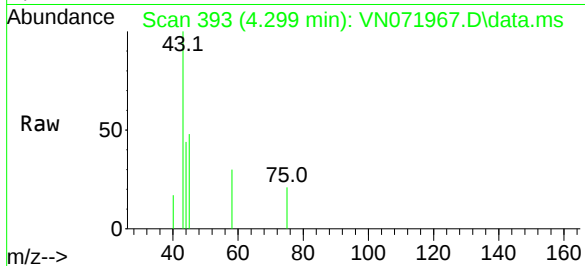




#16
Acetone
Concen: 1.476 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

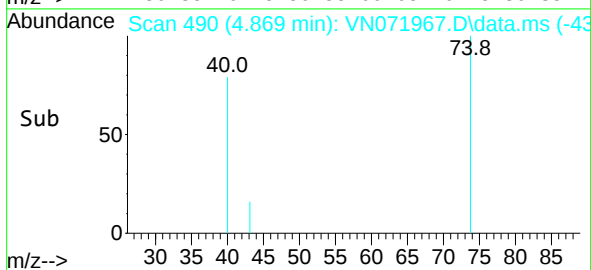
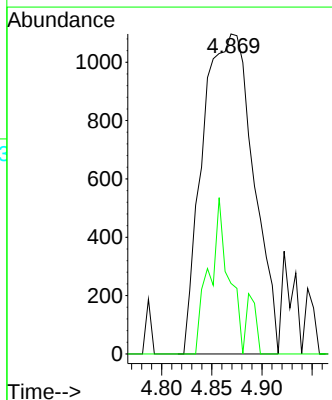
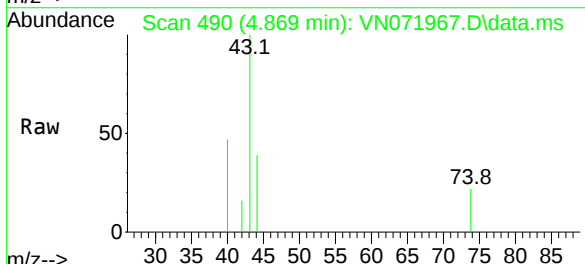
Instrument :
MSVOA_N
ClientSampleId :
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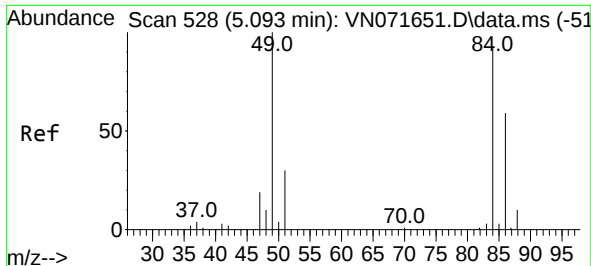
Tgt Ion: 43 Resp: 4588
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 43 Resp: 3858
Ion Ratio Lower Upper
43 100
74 18.6 21.6 32.4#

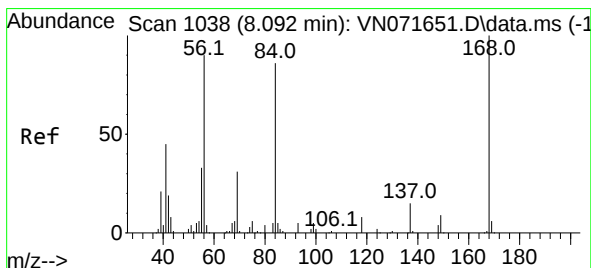
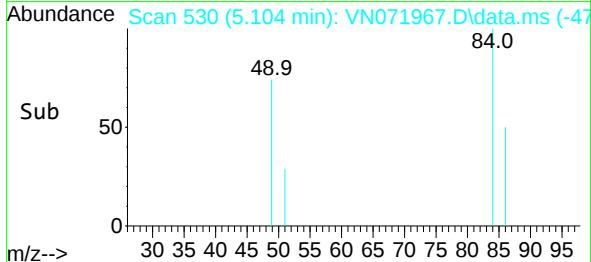
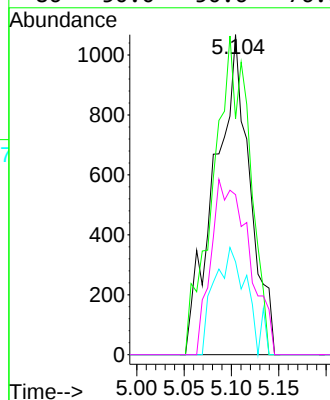
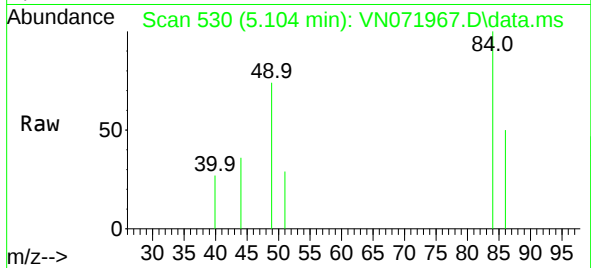




#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

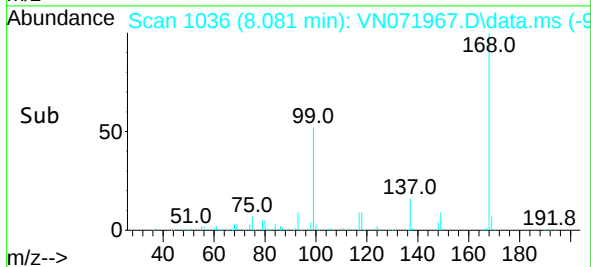
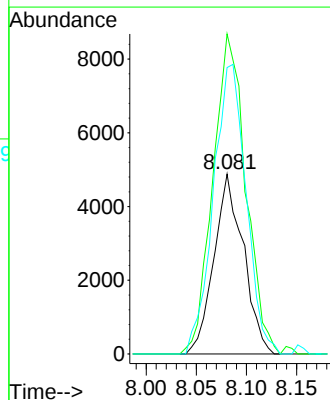
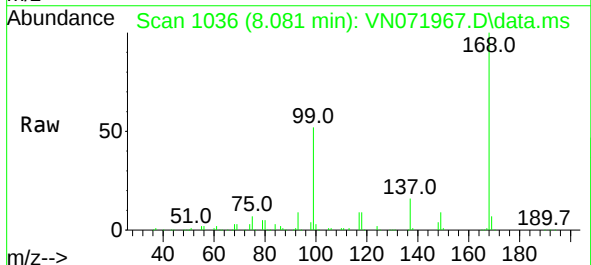
Instrument :
MSVOA_N
ClientSampleId :
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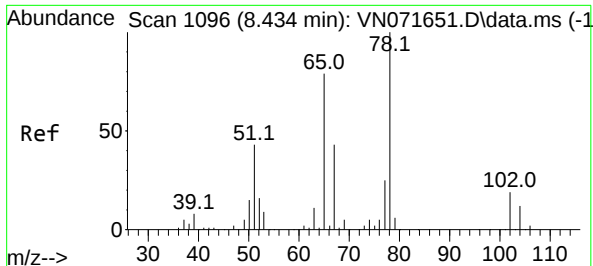
Tgt Ion: 84	Resp:	2748	
Ion	Ratio	Lower	Upper
84	100		
49	73.7	88.3	132.5#
51	29.0	28.2	42.2
86	50.0	50.6	76.0#



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 56	Resp:	9958	
Ion	Ratio	Lower	Upper
56	100		
69	177.9	27.8	41.8#
84	159.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.626 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071967.D

Acq: 12 Apr 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

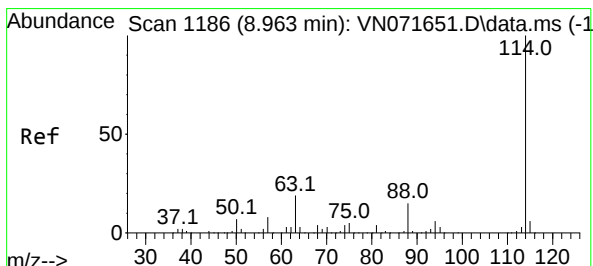
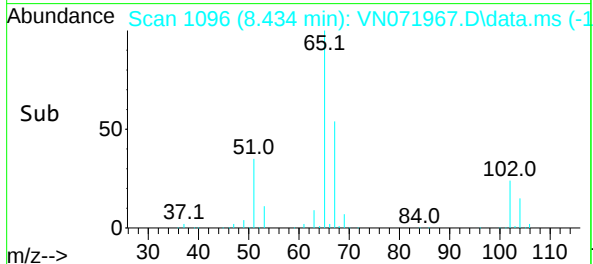
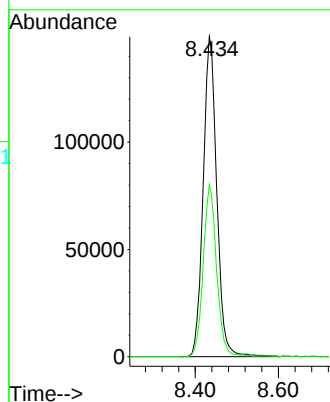
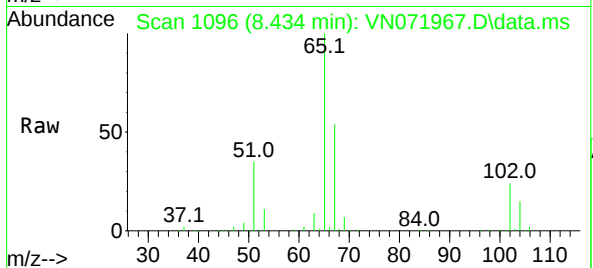
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Tgt Ion: 65 Resp: 339242

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071967.D

Acq: 12 Apr 2022 20:38

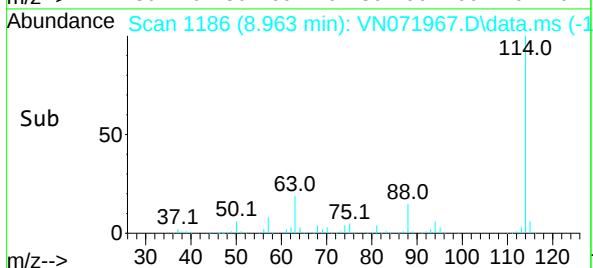
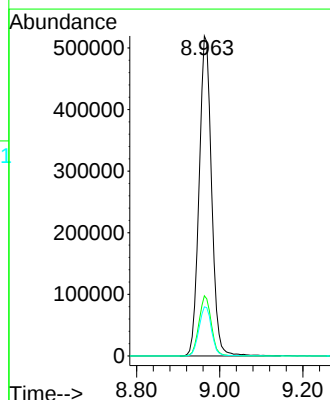
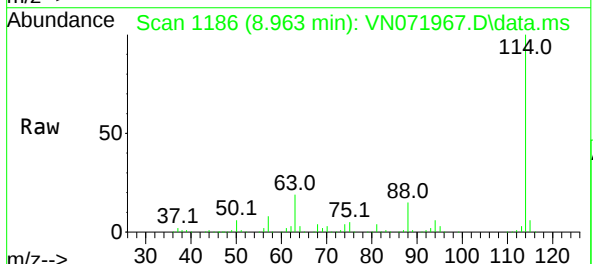
Tgt Ion: 114 Resp: 1082432

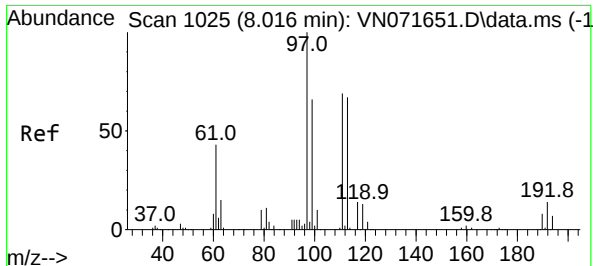
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.158 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071967.D

Acq: 12 Apr 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

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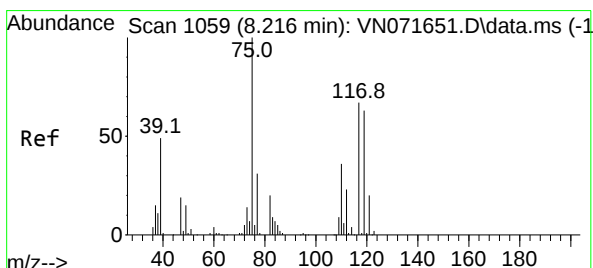
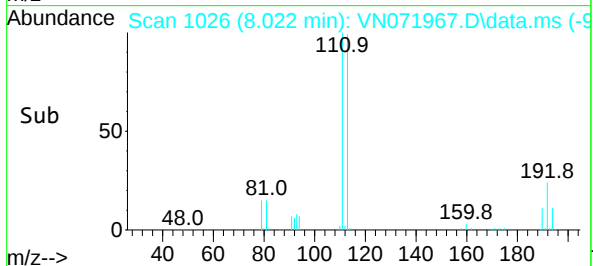
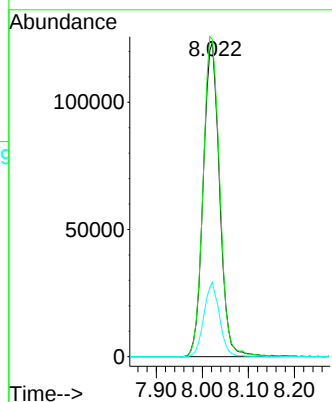
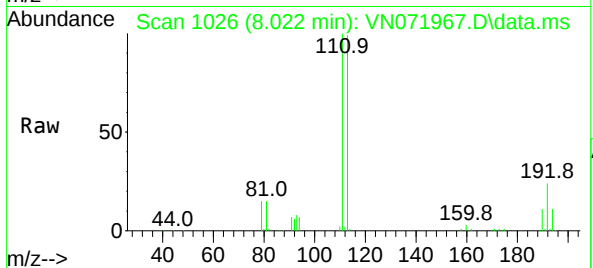
Tgt Ion:113 Resp: 306740

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 22.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.129 min

Lab File: VN071967.D

Acq: 12 Apr 2022 20:38

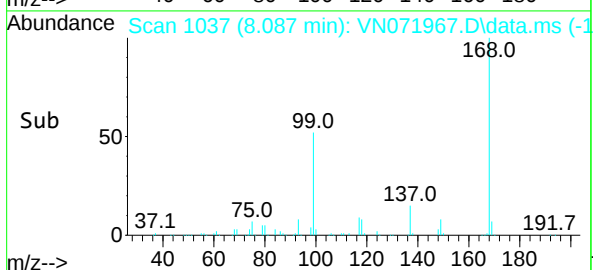
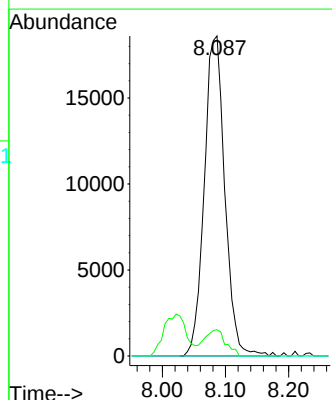
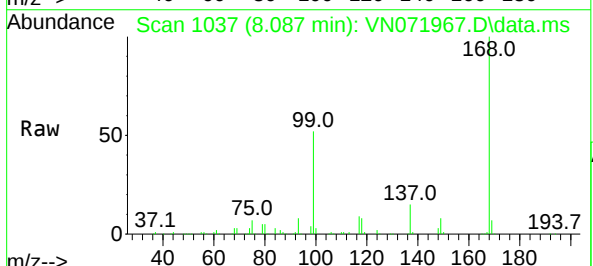
Tgt Ion: 75 Resp: 42035

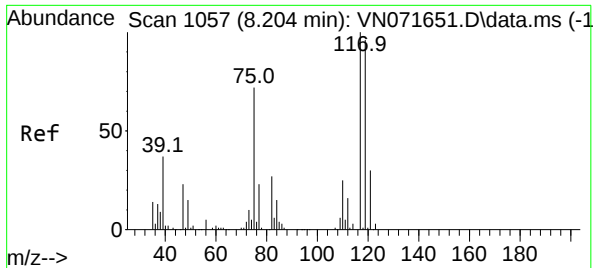
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 0.0 25.1 37.7#

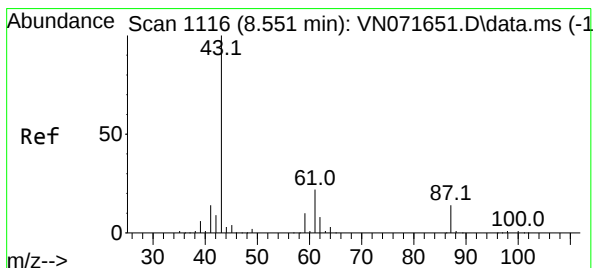
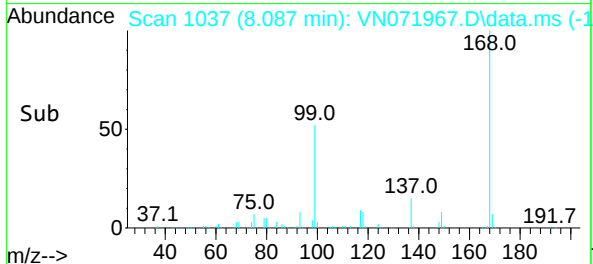
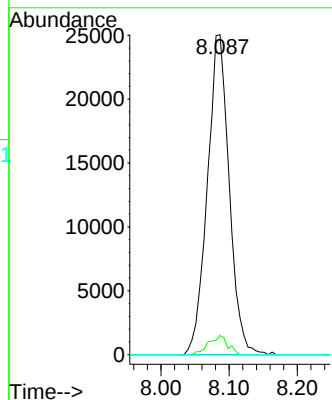
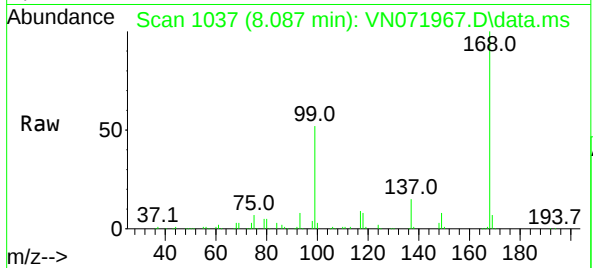




#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 8.087 min Scan# 1127
Delta R.T. -0.117 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

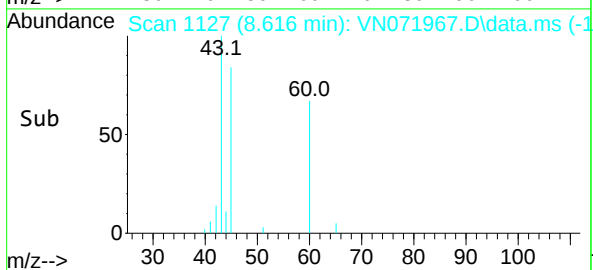
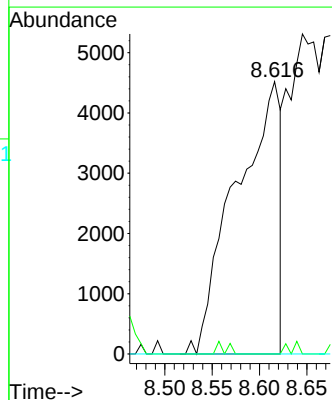
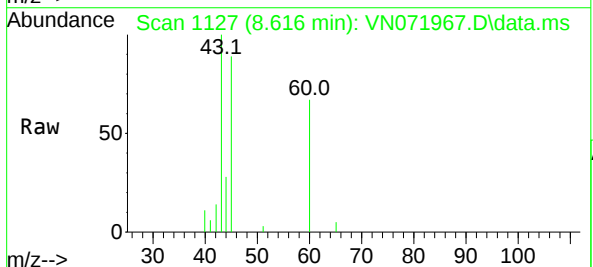
Instrument :
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ClientSampleId :
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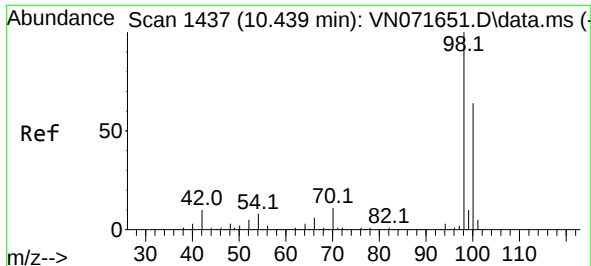
Tgt Ion:117 Resp: 55885
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.914 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.065 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 43 Resp: 14793
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

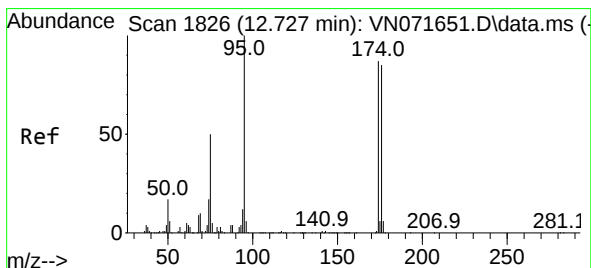
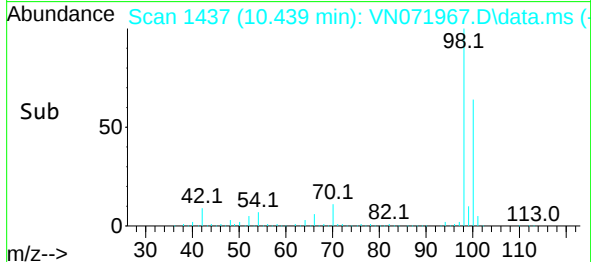
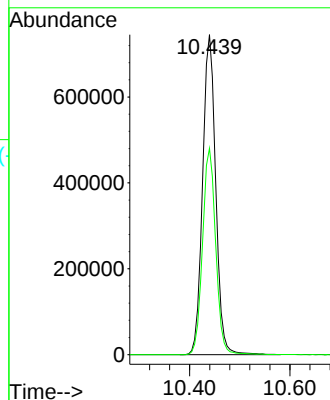
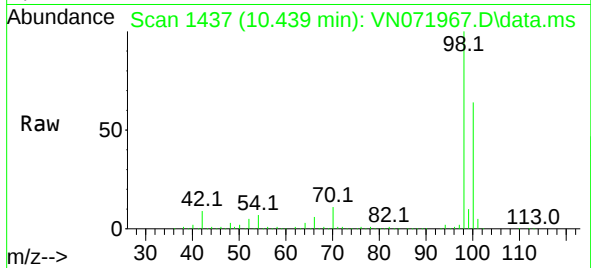




#50
Toluene-d8
Concen: 51.893 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

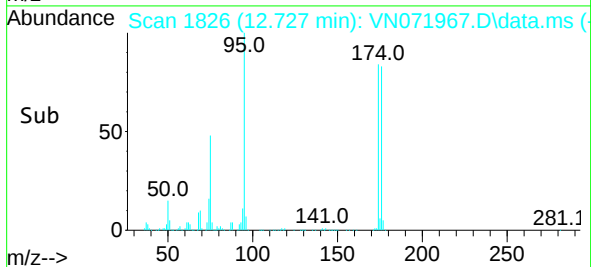
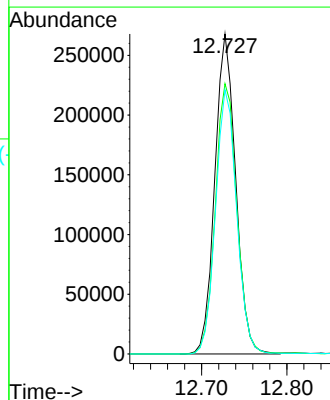
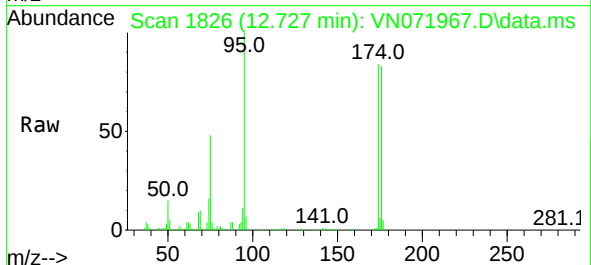
Instrument :
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ClientSampleId :
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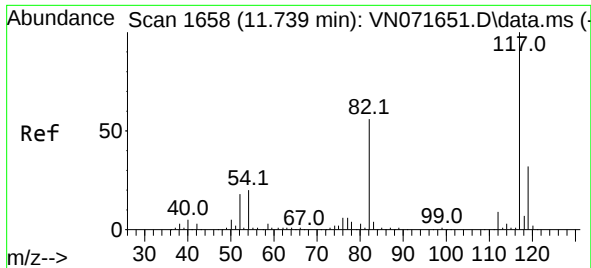
Tgt Ion: 98 Resp: 1352121
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 95 Resp: 455237
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 83.7 0.0 163.4

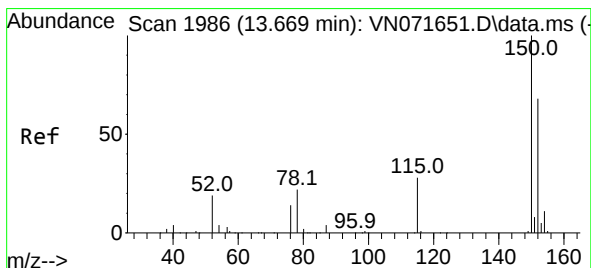
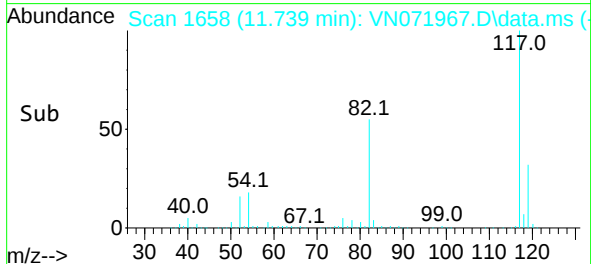
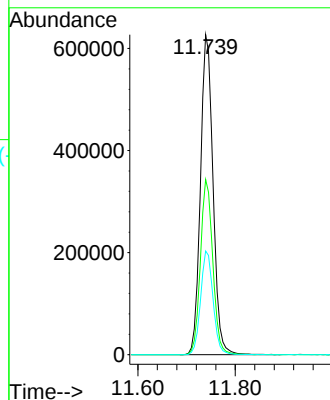
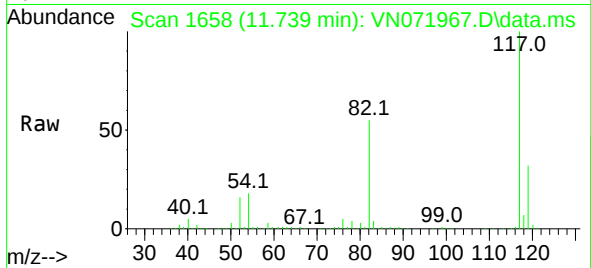




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

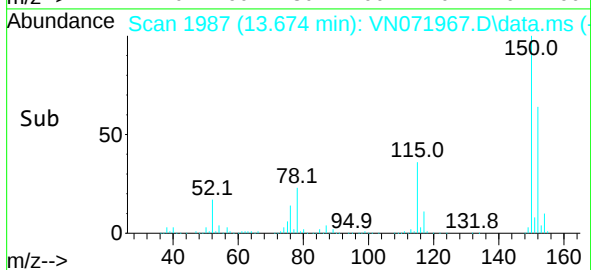
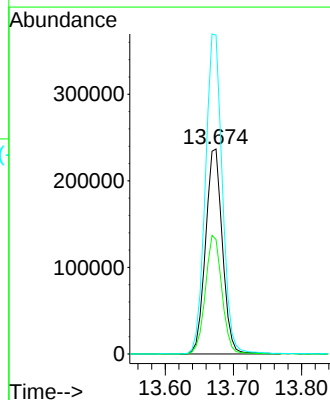
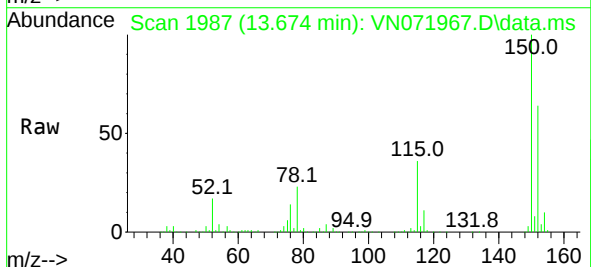
Instrument :
MSVOA_N
ClientSampleId :
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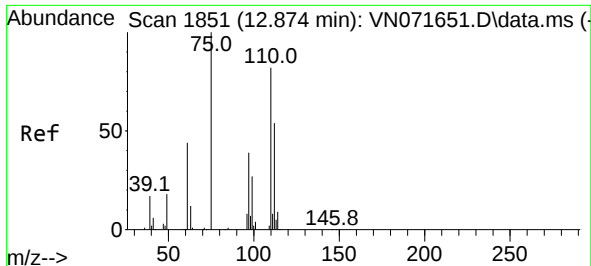
Tgt Ion:117 Resp: 1125800
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion:152 Resp: 407772
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 157.0 0.0 356.2

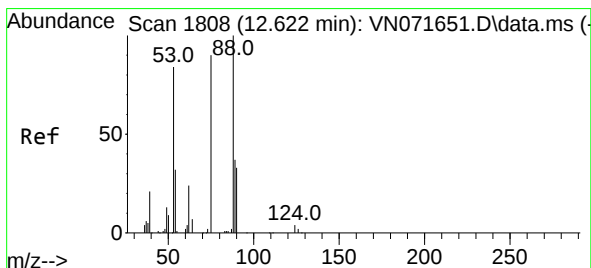
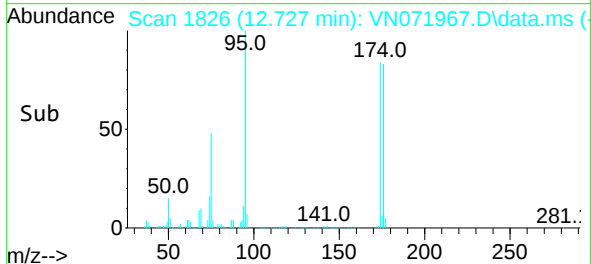
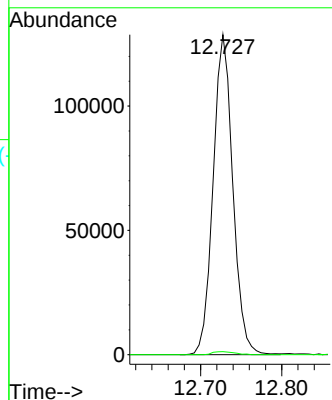
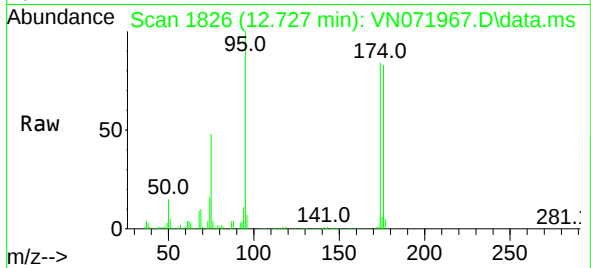




#76
1,2,3-Trichloropropane
Concen: 22.942 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

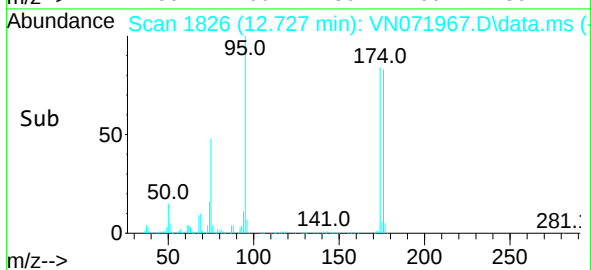
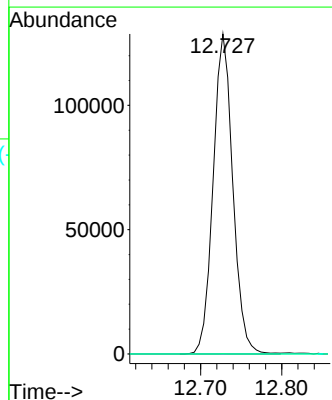
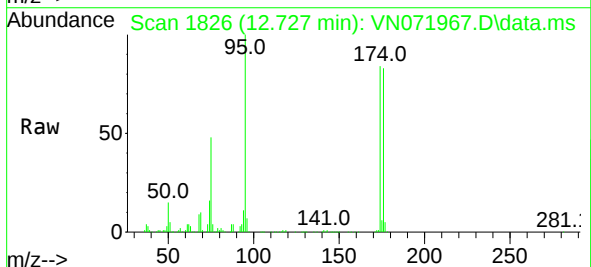
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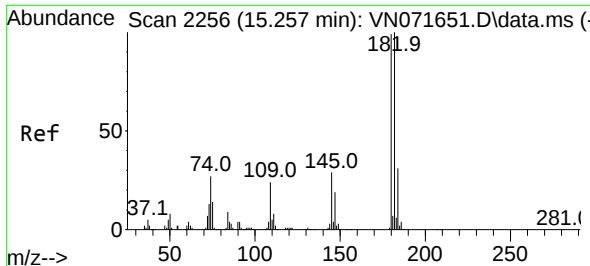
Tgt Ion: 75 Resp: 216715
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.095 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

Tgt Ion: 75 Resp: 216715
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

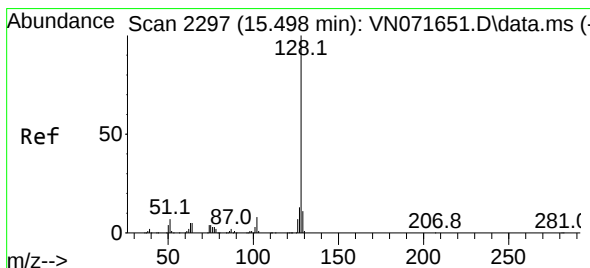
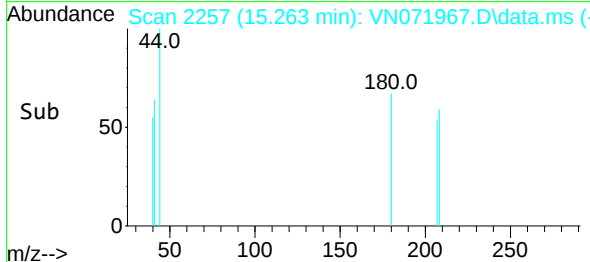
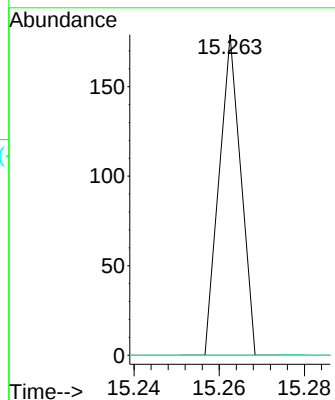
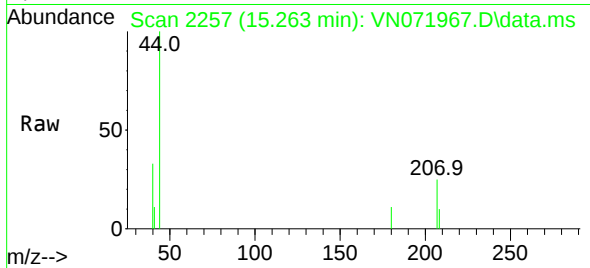




#93
1,2,4-Trichlorobenzene
Concen: 2.095 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

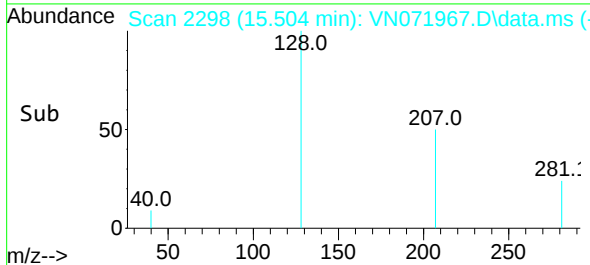
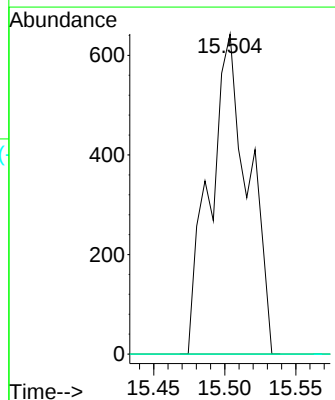
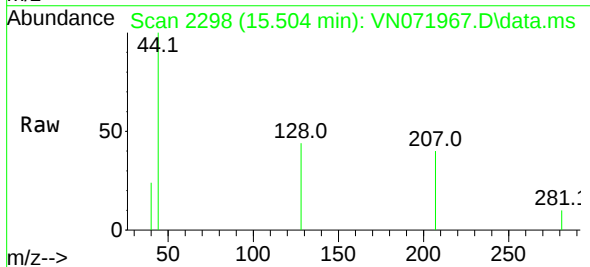
Instrument :
MSVOA_N
ClientSampleId :
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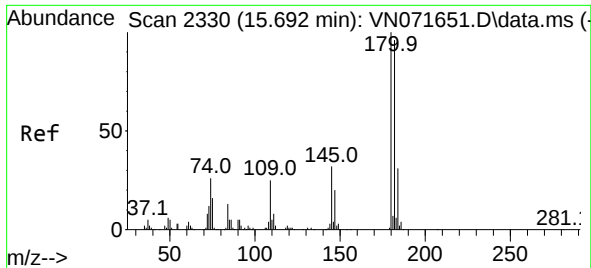
Tgt Ion:180 Resp: 63
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.863 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071967.D
Acq: 12 Apr 2022 20:38

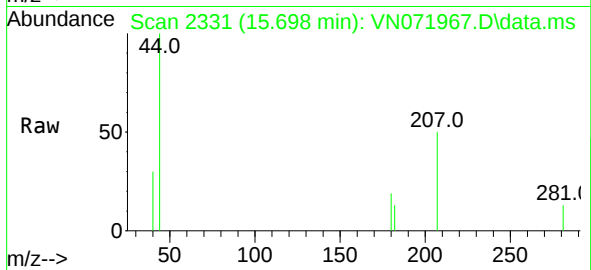
Tgt Ion:128 Resp: 1210
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.440 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071967.D
 Acq: 12 Apr 2022 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK



Tgt Ion	Ratio	Lower	Upper
180	100		
182	36.6	47.8	143.3#
145	0.0	15.5	46.5#

